Atty. Docket No: 28111/34620

(Status-Patented, Pending or Abandoned)

(Status-Patented, Pending or Abandoned)

#### DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As a below named inve	ntor, I hereby declare that my residence	e, post office address and citizenship are	as stated below next
to my name; I believe that I am t	he original, first and sole inventor (i	f only one name is listed below) or an ori	ginal, first and joint
nventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention			
entitled "SPECIFIC BINDING	entitled "SPECIFIC BINDING MEMBERS FOR HUMAN TRANSFORMING GROWTH FACTOR BETA; MATERIALS AND METHODS," the specification of which (check one):   is attached hereto;  was filed on April 3, 1998 as Application		
AND METHODS," the specific			
Serial No. <u>09/054,847</u> and	d was amended on	(if applicable);	□ was filed as PCT
		was amended under Article 19 on	
		e contents of the above-identified specific	
		ledge the duty to disclose to the Patent an	_
	be material to patentability as defin		
I hereby claim foreig	n priority benefits under 35 U.S.C.	§119 of any foreign application(s) for	patent or inventor's
certificate or of any PCT interna	tional application(s) designating at lea	ast one country other than the United Stat	es of America listed
below and have also identifie	below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international		
application(s) designating at leas	t one country other than the United Sta	tes of America filed by me on the same st	ubject matter having
a filing date before that of the	application(s) of which priority is cla	aimed:	
		r' .	Priority Claimed
9520486.3	GB	6 October 1995	⊠ □
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
9601081.4	GB	19 January 1996	<b>2</b> C
(Application Serial Number)	(Country)	(Day/Month/Year Filed)	Yes No
I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:			
(Application Serial Number)		(Day/Month/Year Filed)	
(Application Serial Number)		(Day/Month/Year Filed)	
I hereby claim the ber	nefit under 35 U.S.C. §120 of any U	nited States application(s) or PCT interns	ational application(s)
designating the United States of	America listed below and, insofar as	s the subject matter of each of the claims	of this application is
not disclosed in the prior applic	ation(s) in the manner provided by tl	he first paragraph of 35 U.S.C. §112, I ad	cknowledge the duty
to disclose to the Office all infor	mation known to me to be material t	o patentability as defined in 37 C.F.R. §	1.56 which occurred
between the filing date of the	prior application(s) and the national	or PCT international filing date of this ap	plication:
PCT/GR06/02/50	7 October 10	996	Pending

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(Day/Month/Year Filed)

(Day/Month/Year Filed)

(Application Serial Number)

(Application Serial Number)

POWER OF ATTORNEY: I hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Alvin D. Shulman (19,412) Owen J. Murray (22,111) Allen H. Gerstein (22,218) Nate F. Scarpelli (22,320) Edward M. O'Toole (22,477) Michael F. Borun (25,447) Trevor B. Joike (25,542) Timothy J. Vezeau (26,348) Carl E. Moore, Jr. (26,487) Richard H. Anderson (26,526) Patrick D. Ertel (26,877) James P. Zeller (28,491) William E. McCracken (30,195) Richard A. Schnurr (30,890) Anthony Nimmo (30,920) Christine A. Dudzik (31,245) Kevin D. Hogg (31,839) Jeffrey S. Sharp (31,879) Martin J. Hirsch (32,237) James J. Napoli (32,361) Richard M. La Barge (32,254) Karl A. Vick (33,288) Douglass C. Hochstetler (33,710) Cynthia L. Schaller (34,245) Robert M. Gerstein (34,824) David W. Clough (36,107) Richard A. Brandon (37,051)

Send correspondence to: DAVID W. CLOUGH, ESQ.

FIRM NAME

PHONE NO.

STREET

CITY & STATE

ZIP CODE

Marshall, O'Toole, Gerstein, Murray & Borun

312-474-6300

6300 Sears Tower 233 South Wacker Drive

Chicago, Illinois

60606-6402

Full Name of First or Sole Inventor Julia Elizabeth Thomson	Citizenship United Kingdom
Residence Address - Street  19 Em Way, Melbourn, Royston	Post Office Address - Street 19 Elm Way, Melbourn, Royston
City (Zip) Herts (SG8 6UH)	City (Zip) Herts (SG8 6UH)
State or Country UNITED KINGDOM	State or Country UNITED KINGDOM
Date & 1811 April 1998	Signature  ⊠

	Chicardia
Second Joint Inventor, if any	Citizenship
Tristan John Vaughan	United Kingdom
	Post Office Address - Street
Residence Address - Street	9 Villa Road, Impington
9 Villa Road, Impington	
City (Zip)	City (Zip)
	Cambridge (CB4 4NZ)
Cambridge (CB4 4NZ)	State or Country
State or Country	UNITED KINGDOM
UNITED KINGDOM	
	Signature
Date 5+h MAY 1998	
8 5th 11149 1998	

City (Zip)  London (E7-8DA)  Four nere, Berts S68 TTG-	State or Country
London (E78DA)  State or Country  UNITED KINGDOM	
© 6 th May 1998	⊗ /7. Coccanis

Fourth Joint Inventor, if any	Citizenship
Jonathan Alexander Green	United Kingdom
Residence Address - Street	Post Office Address - Street
21 Balsham Road, Linton	21 Balsham Road, Linton
City (Zip)	City (Zip)
Cambridgeshire (CB1 6LD)	Cambrideshire (CB1 6LD)
State or Country	State or Country
UNITED KINGDOM	UNITED KINGDOM A
	Signature
Date 29H And 1998	

Fifth Joint Inventor, if any	Citizenship
Ronald Henry Jackson	United Kingdom
Residence Address - Street 31 Kingston Street	Post Office Address - Street
City (Zip)	31 Kingston Street City (Zip)
Cambridge (CB1 2NU)	Cambridge (CB1 2NU)
State or Country	State or Country
UNITED KINGDOM	UNITED KINGDOM
Date 28th April 1998 8 28th April 1998	Signature Royald Jackson  8 Royald Jackson
8 20th April 1998	8 Konald Jackson
Sixth Joint Inventor, if any	Citizenship
Louise Bacon	United Kingdom
Residence Address - Street 236 WIMPALE RD, BARTON	Post Office Address - Street 236 WIMROLERS
Foxhill Wing, Hinton Way, Great-Shelford (15)	Foxhill Wing, Hinton-Way, Great-Shelford CACTOVC
City (Zip)	City (Zip)
Cambs (CB2 5AN) CB3 7AE	Cambs (CB2 5AN) CB3 7AE
UNITED KINGDOM	UNITED KINGDOM
Date	
≥ 28+4 April 1998:	Signature   ⊠
County Island Louise if	To:
Seventh Joint Inventor, if any Kevin Stuart Johnson	Citizenship United Kingdom
Residence Address - Street	Post Office Address - Street
79 West Drive, Caldecote Highfields	79 West Drive, Caldecote Highfields
City (Zip)	City (Zip)
Cambs (CB3 7NY)	Cambs (CB3 7NY)
State or Country UNITED KINGDOM	State or Country
Dota	UNITED KINGDOM Signature
8 6th nay 1998	8 Ker 5 Ph
Eighth Join Mirentor, if any	Citizenship
Alfison Jane Wilton Residence Address - Street	United Kingdom Post Office Address - Street
46 Huntingdon Road	46 Huntingdon Road
City (Zip)	City (Zip)
Cambridge (CB3 0HH)	Cambridge (CB3 0HH)
State or Country	State or Country
UNITED KINGDOM Date	UNITED KINGDOM
28th April 1998	Signature Jane Wilton
Ninth Joint Inventor, if any	Citizenship
Philip Ronald Tempest	United Kingdom
Residence Address - Street	Post Office Address - Street
43 High Street, West Wrating	43 High Street, West Wrating
Cambridge (CB1 5 U) PD 7	City (Zip) L Cambridge (CB1 5¢U) PR7
State or Country	State or Country
UNITED KINGDOM	UNITED KINGDOM
Date 28th April 1993	Signature On 7
≥ 28M April 1993.	10 Millingt
Tenth Joint Inventor, if any	/ Citizantia
Anthony Richard Pope	Citizenship United Kingdom
Residence Address - Street	Post Office Address - Street
178 Gwydir Street	178 Gwydir Street
City (Zip)	City (Zip)
Cambridge (CB1 2LW)	Cambridge (CB1 2LW)
State or Country UNITED KINGDOM	State or Country UNITED KINGDOM
D-11	Signature ( )
28th April 1998	Bullius Jobe-
L® 20th 12pml 1998	

### APPLICABLE RULES AND STATUTES

# 37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - prior art cited in search reports of a foreign patent office in a counterpart application, and (1)
  - the closest information over which individuals associated with the filing or prosecution of a patent (2) application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CFR 1.56(a).

# 35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless --

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
  - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent,
  - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

# 35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER (Applicable Portion)

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at the time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

## 35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

# Atty. Docket No: 28111/32975 DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

to my name; I believe that I inventor (if plural names are	am the original, first and sole invented listed below) of the subject matter w	or (if only one name is liste hich is claimed and for wh	and citizenship are as stated below next bed below) or an original, first and joint sich a patent is sought on the invention
entitled "SPECIFIC BINDIN	IG MEMBERS FOR HUMAN TRAI	NSFORMING GROWTH I	FACTOR BETA: MATERIALS AND
METHODS," the specificat Application Serial No.	ion of which (check one): is atta		
D was filed as PCT Internat		nded on	and was amended under Article 19 on
	applicable). I hereby state that I ha	ive reviewed and understar	nd the contents of the above-identified
specification, including the c	laims, as amended by any amendment all information known to me to be r	it(s) referred to above. I a	cknowledge the duty to disclose to the
or of any PCT international a have also identified below a designating at least one coun	application(s) designating at least one may foreign application(s) for patent	country other than the Uni or inventor's certificate or	on(s) for patent or inventor's certificate ted States of America listed below and any PCT international application(s) ame subject matter having a filing date
9520486.3	United Kingdom	6.00	Priority Claimed
(Application Serial Number)	(Country)		th/Year Filed) Yes No
(Application Serial Number)	(Country)	(Day/Mon	th/Year Filed) Yes No
	enefit under 35 U.S.C. §119(e) of ar	y United States provisiona	l application(s) listed below:
(Application Serial Number)		(Day/Mon	th/Year Filed)
(Application Serial Number)		(Day/Mon	th/Year Filed)
I hereby claim the benefit under 35 U.S.C. §120 of any United States application(s) or PCT international application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior application(s) in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. §1.56 which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application:			
08/244,597	1 June 199	4	Pending
(Application Serial Number)	(Day/Month/Year	Filed)	(Status-Patented, Pending or Abandoned)
		Filed) er 1994	
(Application Serial Number) 08/350, 260 (Application Serial Number)  I hereby declare that and belief are believed to be the like so made are punishab jeopardize the validity of the POWER OF ATTOI	(Day/Month/Year 5 Decemb (Day/Month/Year all statements made herein of my ow true; and further that these statements le by fine or imprisonment, or both, application or any patent issued there RNEY: I hereby appoint as my attorn	Filed) er 1994 Filed) n knowledge are true and the knowledge are true and the knowledge with the knowledge 18 U.S.C. §1001 and con.	(Status-Patented, Pending or Abandoned) Pending (Status-Patented, Pending or Abandoned) hat all statements made on information redge that willful false statements and that such willful false statements may bestitution and revocation, to prosecute
(Application Serial Number) 08/350, 260 (Application Serial Number)  I hereby declare that and belief are believed to be the like so made are punishab jeopardize the validity of the POWER OF ATTOI	(Day/Month/Year 5 Decemb (Day/Month/Year all statements made herein of my ow true; and further that these statements le by fine or imprisonment, or both, application or any patent issued there	Filed) er 1994 Filed) n knowledge are true and the knowledge are true and the knowledge with the knowledge 18 U.S.C. §1001 and con.	(Status-Patented, Pending or Abandoned) Pending (Status-Patented, Pending or Abandoned) hat all statements made on information redge that willful false statements and that such willful false statements may bestitution and revocation, to prosecute
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(Application Serial Number) 08/350, 260 (Application Serial Number)  I hereby declare that and belief are believed to be the like so made are punishable jeopardize the validity of the POWER OF ATTOI this application and transact at Alvin D. Shulman (19,412) Donald J. Brott (19,490) Owen J. Murray (22,111) Allen H. Gerstein (22,218) Nate F. Scarpelli (22,320) Edward M. O'Toole (22,447) Michael F. Borun (25,447)	(Day/Month/Year 5 Decemb (Day/Month/Year 5 Decemb (Day/Month/Year all statements made herein of my ow true; and further that these statements le by fine or imprisonment, or both, application or any patent issued there RNEY: I hereby appoint as my attorn ill business in the Patent and Tradema Trevor B. Joike (25,542) Timothy J. Vezeau (26,348) Carl E. Moore, Jr. (26,487) Richard H. Anderson (26,526) Patrick D. Ertel (26,377) James P. Zeller (28,491)	Filed) er 1994 Filed) n knowledge are true and the swere made with the knowledge are true and the swere made with the knowledge are true and the swere made with the knowledge are true and the swere made with the swere are true and true are true are true are true are true are true are true and true are true	(Status-Patented, Pending or Abandoned) Pending (Status-Patented, Pending or Abandoned) hat all statements made on information redge that willful false statements and it that such willful false statements may bestitution and revocation, to prosecute with:  James J. Napoli (32,361) Richard M. La Barge (32,254) Jeffry W. Smith (33,455) Douglass C. Hochsteller (34,710) Cynthia L. Schaller (34,245) Robert M. Gerstein (34,824)
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(Application Serial Number) 08/350, 260 (Application Serial Number)  I hereby declare that and belief are believed to be the like so made are punishab jeopardize the validity of the POWER OF ATTOI this application and transact a Alvin D. Shulman (19,412) Donald J. Brott (19,490) Owen J. Murray (22,111) Allen H. Gerstein (22,218) Nate F. Scarpelli (22,320) Edward M. O'Toole (22,477) Michael F. Borun (25,447)  Send correspondence FIRM NAME  Marshall, O'Toole, Gerstein, Murray & Borun Full Name of First or Sole Inventor	(Day/Month/Year 5 Decemb (Day/Month/Year 5 Decemb (Day/Month/Year all statements made herein of my ow true; and further that these statements the by fine or imprisonment, or both, application or any patent issued there RNEY: I hereby appoint as my attorn application or any patent issued there RNEY: I hereby appoint as my attorn all business in the Patent and Tradema Trevor B. Joike (25,542) Timothy J. Vezeau (26,348) Carl E. Moore, Jr. (26,487) Richard H. Anderson (26,526) Patrick D. Ertel (26,877) James P. Zeller (28,491) William E. McCracken (30,195) See to: David W. Clough PHONE NO. STREI 6300 Sears 312-474-6300 33 South Wa	Filed) er 1994 Fried) n knowledge are true and the swere made with the knowledge are true and the swere made with the knowledge are true and the swere made with the knowledge are true and the swere made with the knowledge are true and the swere are true and the swere are true and the swere are true	(Status-Patented, Pending or Abandoned) Pending (Status-Patented, Pending or Abandoned) hat all statements made on information redge that willful false statements and it that such willful false statements may bestitution and revocation, to prosecute with:  James J. Napoli (32,361) Richard M. La Barge (32,254) Jeffry W. Smith (33,455) Douglass C. Hochstetler (33,710) Cynthia L. Schaller (34,245) Robert M. Gerstein (34,2824) David W. Clough (36,107)
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## 37 CFR 1.56. DUTY OF DISCLOSURE - INFORMATION MATERIAL TO PATENTABILITY (Applicable Portion)

- (a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:
  - (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
  - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentability defines, to make sure that any material information contained therein is disclosed to the Office.

Information relating to the following factual situations enumerated in 35 USC 102 and 103 may be considered material under 37 CF of 1.56(a).

## 35 U.S.C. 102. CONDITIONS FOR PATENTABILITY: NOVELTY AND LOSS OF RIGHT TO PATENT

A person shall be entitled to a patent unless -

- (a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for patent, or
- (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of the application for patent in the United States, or
  - (c) he has abandoned the invention, or
- (d) the invention was first patented or caused to be patented, or was the subject of an inventor's certificate, by the applicant or his legal representatives or assigns in a foreign country prior to the date of the application for patent in this country on an application for patent or inventor's certificate filed more than twelve months before the filing of the application in the United States, or
- (e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraph (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent, or
  - (f) he did not himself invent the subject matter sought to be patented, or
- (g) before the applicant's invention thereof the invention was made in this country by another who had not abandoned, suppressed, or concealed it. In determining priority of invention there shall be considered not only the respective dates of conception and reduction to practice of the invention, but also the reasonable diligence of one who was first to conceive and last to reduce to practice, from a time prior to conception by the other.

### 35 U.S.C. 103. CONDITIONS FOR PATENTABILITY; NON-OBVIOUS SUBJECT MATTER

A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negative by the manner in which the invention was made.

Subject matter developed by another person, which qualifies as prior art only under subsection (f) or (g) of section 102 of this title, shall not preclude patentability under this section where the subject matter and the claimed invention were, at 1 time the invention was made, owned by the same person or subject to an obligation of assignment to the same person.

### 35 U.S.C. 112. SPECIFICATION (Applicable Portion)

The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor of carrying out his invention.

Second Joint Inventor, if any Tristan John Vaughan	Citizenship United Kingdom
Residence Address - Street 9 Villa Road	Post Office Address - Street 9 Villa Road
City (Zip) Impington Cambridge CB4 4NZ	City (Zip) Impington, Cambridge CB4 4NZ
State or Country United Kingdom	State or Country United Kingdom
Date 10th January 1716	Signature Th. Std. (1930) (1930)

Third Joint Inventor, if any Andrew James Williams	Citizenship United Kingdom
Residence Address - Street 27 Green Street	Post Office Address - Street 27 Green Street
City (Zip) Forest Gate, London E7 8DA	City (Zip) Forest Gate, London E7 8DA
State or Country United Kingdom	State or Country United Kingdom
Date Demuney 1996	Signature # Williams thicking to it have

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Fourth Joint Inventor, if any Jonathan Alexander Green	Citizenship United Kingdom
Residence Address - Street 21 Balsham Road	Post Office Address - Street 21 Balsham Road
City (Zip) Linton, Cambridgeshire CB1 6LD	City (Zip) Linton, Cambridgeshire CB1 6LD
Sute or Country United Kingdom	State or Country United Kingdom
B IS Company MAN	Signature Synthesia Crean

Fifth Joint Inventor, if any Ronald Henry Jackson	Citizenship United Kingdom
Residence Address - Street 31 Kingston Street	Post Office Address - Street 31 Kingston Street
City (Zip) Cambridge CB1 2NU	City (Zip) Cambridge CB1 2NU
State or Country United Kingdom	State or Country United Kingdom
Date 10. 1. Jamay 1996	Signature Ranaid Truckson

Sixth Joint Inventor, if any Louise Bacon	Citizenship United Kingdom
Residence Address - Street Foxhill Wing, Hinton Way, Great Shelford	Post Office Address - Street Foxhill Wing, Hinton Way, Great Shelford
City (Zip) Cambridgeshire CB2 5AN	City (Zip) Cambridgeshire CB2 5AN
State or Country United Kingdom	State or Country United Kingdom
Ble January 1996	Signature Chile 1511(0)

Seventh Joint Inventor, if any Kevin Stuart Johnson	Citizenship United Kingdom
Residence Address - Street Cadecote Highfields	Post Office Address - Street Cadecote Highfields
City (Zip) Cambridgeshire CB3 7NY	City (Zip) Cambridgeshire CB3 7NY
State or Country United Kingdom	State or Country United Kingdom
Date   1 5 700 900 1194	Signature S. 4/ Kound's Torrosen

Eighth Joint Inventor, if any Raymond Paul Field	Citizenship United Kingdom
Residence Address - Street 12 Armingford Crescent, Melbourn, Royston	Post Office Address - Street 12 Armingford Crescent, Melbourn, Royston
City (Zip) Hertfordshire SG8 6NG	City (Zip) Hertfordshire SG8 6NG
State or Country United Kingdom	State or Country United Kingdom
Date 10 January 1916	Signature R. P. Kill C. Barrowy Paral Freis

Nineth Joint Inventor, if any Alison Jane Wilton	Citizenship United Kingdom
Residence Address - Street 46 Huntingdon Road	Post Office Address - Street 46 Huntingdon Road
City (Zip) Cambridge CB3 0HH	City (Zip) Cambridge CB3 0HH
State or Country United Kingdom	State or Country United Kingdom
Date 10 Junuary 1976	Signature Source (Cilitary

Tenth Joint Inventor, if any Philip Ronald Tempest Residence Address - Street	Citizenship United Kingdom Post Office Address - Street
18 Parklands, Royston	18 Parklands, Royston
City (Zip) Hertfordshire SG8 9HL	City (Zip) Hertfordshire SG8 9HL
State or Country United Kingdom	State or Country United Kingdom
Date 11 Francis 1936	Signature Platy 127-marti.

Eleventh Joint Inventor, if any Steven Paul Ruddock	Citizenship United Kingdom
Residence Address - Street 32 Hartington Grove	Post Office Address - Street  32 Hartington Grove
City (Zip) Cambridge CB1 4UE	City (Zip) Cambridge CB1 4UE
State or Country United Kingdom	State or Country United Kingdom
Date	Signature Speller Endlock.

Twelveth Joint Inventor, if any Gregory Paul Winter	Citizenship United Kingdom
Residence Address - Street Rashleigh Barton	Post Office Address - Street Rashleigh Barton
City (Zip) Wembworthy, Chulmleigh	City (Zip) Wembworthy, Chulmleigh
Sute or Country Devon EX18 7RW, United Kingdom	State or Country Devon EX18 7RW, United Kingdom
B 19 January 1776	Signature Paul Wints